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DMA Docket No. 4419

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To:	700	Date	8/14/56
To:	Mr. Mittendorf	Date	8/17/56
To:	Mr. Mittendorf	Date	9-20-56
To:	Oper. Cont.	Date	10-9-56
To:	Admr	Date	10-10-56
To:	Code 130	Date	1-7-57
To:	Code 100	Date	1-9-57
To:	" 225	Date	1-9-57
To:		Date	
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DMEA Form 7
(12-56)

700

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Date	Surname	Code
1-7	Ching	700
1-7	Ching	700
1/9	Selfridge	130
1/9	Frank E. Johnson (fw)	110
		~~700~~
1-10	C	225

Kilgaard
1/9 Bishop

JAN 10 1957

Mr. Reuel Glazier
Post Office Box 14
Hurricane, Utah

and

Mr. Charles C. Wallace
133 North, West Temple Street
Salt Lake City, Utah

Re: Docket No. DMEA-4419 (Uranium)
Extension Claims
Washington County, Utah

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting a small amount of uranium mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing your property to our attention.

Sincerely yours,

Frank E. Johnson (fw)

ACTING Administrator

MChing/izm 1-7-57
cc to: Mr. Charles C. Wallace
Code 700
Mr. Ching
Admr.'s Reading File
Operating Committee
DMEA Field Team, Reg. III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.C.B.

8623

Docket

Ching
Ellis

January 7, 1957

Summary of Proposed Project

Object: Denial of application for an exploration project.

Docket No.: DMEA-4419

Commodity: Uranium

Applicant: Reuel Glazier, P. O. Box 14, Hurricane, Utah and Charles C. Wallace, 133 North, West Temple St., Salt Lake City, Utah

Property: Extension Nos. 7 and 8 claims, sec. 20, T. 40 S., R. 12 W., S.L.B.&M., Washington County, Utah. Applicant is the owner.

Date of Application: July 20, 1956

Amount of Application: $4,403.50

Work Proposed: Improve access road by bulldozer and drive a 100-foot adit into a uranium-bearing formation. Costs are estimated as follows:

100 ft. drifting @ $30/ft.	$3,000.00
21 hrs. bulldozing @ $12/hr.	252.00
Timbering drift	751.50
Compressor & jackhammer rental @ $100/mo.	400.00
Total	$4,403.50
Government Participation @ 75%	$3,302.63

Field Team Report: November 29, 1956 by P.V. Fillo, USBM & Frank B. Moore, USGS:

Rocks exposed on the subject property are the Middle Triassic Shinarump and Upper Triassic Chinle. In ascending order, the Chinle is divided into the Petrified Forest, Trail Hills, and Springdale members.

One small area near the base of the Petrified Forest member contains radioactive material associated with carbon trash. However, the mineralization is so weak that the minerals causing the radioactivity could not be identified. A prospect pit 10 feet long had been excavated at the most radioactive spot, which is also the site of the proposed adit. Three chip samples taken from the pit assayed chemically from less than 0.001% to 0.002% U_3O_8. No structural control for the occurrence of radioactive material was noted and no specific exploration target was demonstrated. There is little chance that an economic deposit of uranium can be found on the property. It is recommended that the subject application be denied.

Commodity Group Comments:

USBM, John E. Crawford, Jan. 2, 1957:

Reviewed Report of Examination with the AEC representative. Concurs with the Field Team recommendation for denial.

USGS, N. E. Nelson, Jan. 3, 1957:

Concurs with the Field Team that the application should be denied.

Rare & Miscellaneous Metals Div., Michael Ching, Jan. 3, 1957:

The Report of Examination was made by P. V. Fillo, USBM, and Frank B. Moore, USGS, but the examination of the property was made by M. M. Gilkey and P. V. Fillo of the Bureau while on a monthly inspection trip in the area. The latter two reported that the property was so poor that an examination by the USGS appeared to be unnecessary. Moore discussed the property with the examiners, agreed that an examination by the USGS was unnecessary, and collaborated with Fillo in preparing the report.

The uranium mineralization on the property is so weak and limited in extent that no well-defined target for exploration exists.

Conclusions and Recommendations:

Lacking a specific target the property does not warrant an exploration project. It is recommended that the application be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

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DMEA
RECEIVED JAN 4 1957
IN REPLY REFER TO:

DATE	INITIALS	CODE
1-4-57	C C	700

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

January 3, 1957
Re: DMEA 4419
Reuel Glazier and Charles C. Wallace
Extension Claims
Washington County, Utah
$4,403.50 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

The applicants in a poorly documented application requested assistance in driving a 100-foot drift along what they assumed to be a uranium bearing channel.

The examiners found only weak radioactivity, and assays of chip samples of the outcrop showed only .001, .001, and .002% U_3O_8. No minerals that might cause the radioactivity could be identified, and no structural control was discerned.

As no target is presented the examiners and the Field Team recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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DATE	INITIALS	CODE
		700

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Washington 25, D. C.

Date: January 2, 1957

DMEA Docket No. 4419
DMEA Contract No.
Commodity Uranium
Name of applicant Reuel Glazier & Charles C. Wallace
Name of property Extension Claims
Location of property Washington County, Utah
Estimated cost of project $4,403.50

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: 12/10/56. 2. Date received by reviewer: 12/20/56

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors meeting special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs ☐
   h. ☐

9. Action advised:
   a. Obtain information from applicant ☐
   b. Refer to Field Team ☐
   c. Denial ☒
   d. Agree with Field Team ☒
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another examination ☐
   h. Approval ☐
   i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary) Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

12-21-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 12, 1956

RECEIVED DEC 17 1956 D.M.E.A.

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Joint Report of Examination Docket DMEA 4419 (Uranium)
Reuel Glazier and Charles C. Wallace (Extension Claims)
Washington County, Utah

Enclosed are the original and three copies of a joint Report of Examination on the subject docket.

The field examiners conclude that an exploratory project on this property would not result in the discovery of a significant amount of uranium ore. They recommend that the application be denied. We concur in this recommendation.

DMEA Field Team, Region III

for W. Traver

By W. M. Traver
Executive Officer

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
12-21-56
(date)

IN REPLY REFER TO:

DMEA

DEPARTMENT OF THE INTERIOR

DEC 11 1956

REGION III

DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

December 10, 1956

TRANSMITTED DEC 12 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: E. N. Harshman

Subject: DMEA Docket 4419 (Uranium), Reuel Glazier and Charles C. Wallace (Extension claims), Washington County, Utah

On December 4, 1956, you sent me one copy of an engineering report covering an examination of the subject property. The examination was made by M. M. Gilkey and P. V. Fillo while on a monthly inspection trip in the area. The Survey did not participate in the examination and Gilkey, through Wilson, notified the Field Team that the property was so poor that he deemed an examination by the Survey to be unnecessary.

Moore discussed the application with Gilkey while on his last trip to Salt Lake City. Moore concurs with Gilkey's opinion that an examination by the Survey is unnecessary and that the application should be denied.

On the basis of Moore's discussions with Gilkey and the geologic data in the application, Moore has made minor revisions in the geologic portion of the engineering report and the report has been changed from an engineering report by Fillo to a joint engineering and geologic report by Fillo and Moore. This was done in accordance with my recent conversation with you.

If you concur with me that the report is satisfactory and that a field examination by the Survey is not necessary I suggest that the report be forwarded to Washington for appropriate action on the application for exploration assistance.

E. N. Harshman

E. N. Harshman
Member, Field Team

Enclosures (10)
ENHarshman:mp

Reviewed by
DMEA OPERATING COMMITTEE
12-21-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

RECEIVED DEC 17 1956 D.M.E.A.

November 30, 1956 TRANSMITTED

DEC 12 1956

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA-4419 (Uranium), Reuel Glazier and Charles C. Wallace (Extension claims), Washington County, Utah

Enclosed are the original and 10 copies of a report covering examination of the Extension uranium claims in Washington County, Utah. The property was examined October 29, 1956, by M. M. Gilkey and P. V. Fille. The examination was made to appraise a request for DMEA assistance.

The applicants have requested funds totaling $4,403.50 to drive 100 feet of drift and improve 3/4 mile of existing road to the proposed project site. Rocks present in the area include the Moenkopi, Shinarump, and Chinle formations of Triassic age. The applicants have noted radiometric readings in the Petrified Forest member of the Chinle formation. It is proposed that the drifting be done in this member.

The examination disclosed that uranium mineralization on the property is weak and limited in extent. There is little evidence that a commercially significant uranium deposit would be found by the work proposed by the applicant. The examining engineer recommends that the applicants' request for Government assistance be denied. I am in accord with this recommendation.

The Extension claims and the application were discussed with a field representative of the AEC at St. George, Utah.

A copy of the brochure is herewith returned.

Stephen R. Wilson

Stephen R. Wilson

Enclosure

cc: W. H. King
J. E. Clemmer

Reviewed by
DMEA OPERATING COMMITTEE
12-21-56
(date)

FOR UNITED STATES GOVERNMENT USE ONLY

TRANSMITTED
DEC 12 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

RECEIVED
DEC 17 1956
DMEA

DMEA 4419

Reuel Glazier and Charles C. Wallace

Extension claims

Washington County, Utah

Uranium

Joint Engineering and Geological Report

by

P. V. Fillo, Mining Engineer
Bureau of Mines

Frank B. Moore, Geologist
Geological Survey

November 29, 1956

DMEA OF MINING COMMERCE
12-21-56

RECEIVED
DEC 17 1956
D.M.E.A.

REUEL GLAZIER AND CHARLES C. WALLACE
EXTENSION CLAIMS
WASHINGTON COUNTY, UTAH

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ILLUSTRATIONS

Fig. 1 Location map, Reuel Glazier and Charles C. Wallace property, Washington County, Utah

Fig. 2 Claim map, showing general geology

SUMMARY

Reuel Glazier and Charles C. Wallace have applied for a DMEA loan to drive a 100-foot exploratory adit on uranium claims in Washington County, Utah. Estimated cost of the work is $4,403.50. Bureau of Mines personnel examined the property October 29, 1956.

The property is approximately 16 miles by road northeast of Hurricane, Utah. Two claims are included in the applicant's holdings.

The proposed project area lies on a southwest slope exposing nearly horizontal Triassic sandstone and shale.

The cost of this proposed program is considered to be reasonable, and is feasible from an engineering standpoint. Geologically, however, the exploration does not appear to be warranted; the exposures of uranium mineralization are too weak and limited in extent to indicate that deposits of significance will be found.

It is recommended that the request for Government assistance be denied.

INTRODUCTION

On July 20, 1956, a partnership of Reuel Glazier and Charles C. Wallace applied for an exploratory loan on their uranium property, Extension No. 7 and No. 8 claims, located approximately 16 miles northeast of Hurricane, Utah, and west of Zion National Monument in Washington County, Utah.

An examination of the property was made October 29, 1956, by M. M. Gilkey and P. V. Fillo of the Bureau of Mines. One of the partners, Reuel Glazier, accompanied the examining team.

The applicant proposes a drifting project estimated to cost $4,403.50. (The amount of $3,403.50 shown on the applicant's letter was incorrectly computed.) Time to complete the work requested by the applicant is 4 months, which is ample time for this project.

LOCATION

The Extension No. 7 and No. 8 claims lie in the eastern part of Washington County, Utah, approximately 6 miles west of Zion National Monument (fig. 1). Specifically, the property covers part of the southwest quarter of section 20, T. 40 S., R. 12 W., Salt Lake Base and Meridian.

From Hurricane, Utah, the property is reached by driving north 3.1 miles on Utah Highway 17, thence east 5.3 miles on Highway 15, thence north 3.8 miles on Air Force project graded road to top of lower mesa. From this area the road continues north 2.5 miles to a rocket magazine, thence to the right and westerly along rocket magazine fence 0.8 mile--beyond this point the road is not passable by passenger car--thence north and westerly 0.5 mile. From this point it is necessary to walk or use four-wheel-drive vehicle for 0.3 mile to the Extension No. 7 claim. Total road distance from Hurricane, Utah, to the proposed project area is 16.3 miles.

The nearest important town is St. George, Utah, with a population of 4,562. St. George is located 20 miles west of Hurricane on Highway U. S. 91. North of Hurricane, 41 miles on Highway U. S. 91, is Cedar City, Utah, with a population of 6,106. Cedar City is located on a branch line of the Union Pacific Railroad.

TOPOGRAPHY AND CLIMATE

The applicant's claims lie along the west edge of Smith mesa, which constitutes the western extremity of the Colorado Plateau. The altitude is approximately 5,500 feet. The area is one of irregular relief. The surface slopes to the south and west to approximately 4,000 feet, to the bottom of La Verkin Creek Canyon.

Benches formed by erosion of shales overlying cliff-forming, resistant sandstone strata are locally talus covered. Construction of roads will be difficult because of the presence of large boulders and steep talus slopes.

Vegetation in the area includes pinon pine, juniper, sagebrush, and scrub oak.

The climate is semiarid. The proposed project would not be seriously hampered by weather conditions. It will be necessary to haul water directly from Hurricane, Utah.

OWNERSHIP

The two unpatented lode mining claims, Extension No. 7 and Extension No. 8, are owned by Reuel Glazier and Charles C. Wallace. The claims are recorded at St. George, Utah, county seat of Washington County. Extension No. 7 claim is recorded as entry No. 96446, book X34, page 289. Extension No. 8 is entered as entry No. 96447, book X34, page 290.

HISTORY AND PRODUCTION

The claims were located in May 1955, and as of the date of the examination no ore production had been recorded.

Work accomplished on the property to date consists of construction of approximately 1 mile of bulldozer access road along a bench formed at the Chinle-Shinarump contact, and excavation of a 10-foot-long surface pit at the end of the road, at the site of the proposed adit.

GENERAL GEOLOGY

Approximately 3 miles to the west of the applicant's property is the northerly striking Hurricane fault, the predominant structural feature of the region. The sedimentary rocks outcropping in the area of the proposed project lie essentially horizontal.

In ascending order, the formations exposed in the proposed project area, which is on the east flank of La Verkin Creek Canyon, are Lower Triassic Moenkopi, Middle Triassic Shinarump, and Upper Triassic Chinle. The Chinle is divided into the Petrified Forest, Trail Hills, and Springdale members, the latter forming the top of Smith mesa to the east.

One small area in the Petrified Forest member of the Chinle formation contains radioactive material. The radioactive material is associated with carbon trash but the mineralization is so weak

that the minerals causing the radioactivity could not be identified. At the place believed to be the most radioactive, which is also the site of the proposed adit, a 10-foot-long prospect pit has been excavated. Three chip samples taken from the pit for radiometric and chemical testing show that the material is but little richer in uranium than certain highly radioactive granites. The results of testing are given in Table 1.

TABLE 1. - Assays of samples taken from the pit at the portal of the proposed adit (30 feet above the contact of the Shinarump formation)

Sample No.	Description	Analyses, percent Chemical, U_3O_8	Radiometric, U_3O_8
DMEA No. 1	Chip sample	0.002	< 0.01
DMEA No. 2	Chip sample	0.001	< 0.01
DMEA No. 3	Chip sample	< 0.001	< 0.01

No structural control for the occurrence of the radioactive material can be seen nor can any specific exploration target be demonstrated.

ORE RESERVES

There are no known ore reserves on the applicant's property.

PROPOSED EXPLORATION AND COSTS

The exploratory work proposed by the applicant includes 100 feet of drifting and approximately 3/4 mile of road construction to improve the existing road to the site. The site for the adit was established by an anomalous radioactive reading on a scintillometer. The location of the proposed adit is shown on figure 2. The applicant requested 4 months to complete the work.

The applicant's estimate of the cost is shown below:

Estimated Costs

100-foot adit-drift (5' x 7') at $30 per foot	$3,000.00
Mine timber (complete timbering of adit-drift) at $4.115 per foot of adit	411.50
Labor (timbering 100-foot adit) at $3.40 per foot	340.00
Rental of jackhammer and 105-c.f.m. compressor at $100 per month	400.00
Bulldozing, 21 hours at $12 per hour	252.00
Total	$4,403.50

In making a summation of the above-estimated cost for driving a 100-foot adit, excluding bulldozing time, the cost per foot is $41,52.

The proposed project is feasible from an engineering standpoint, but has little merit from a geologic point of view.

CONCLUSIONS AND RECOMMENDATIONS

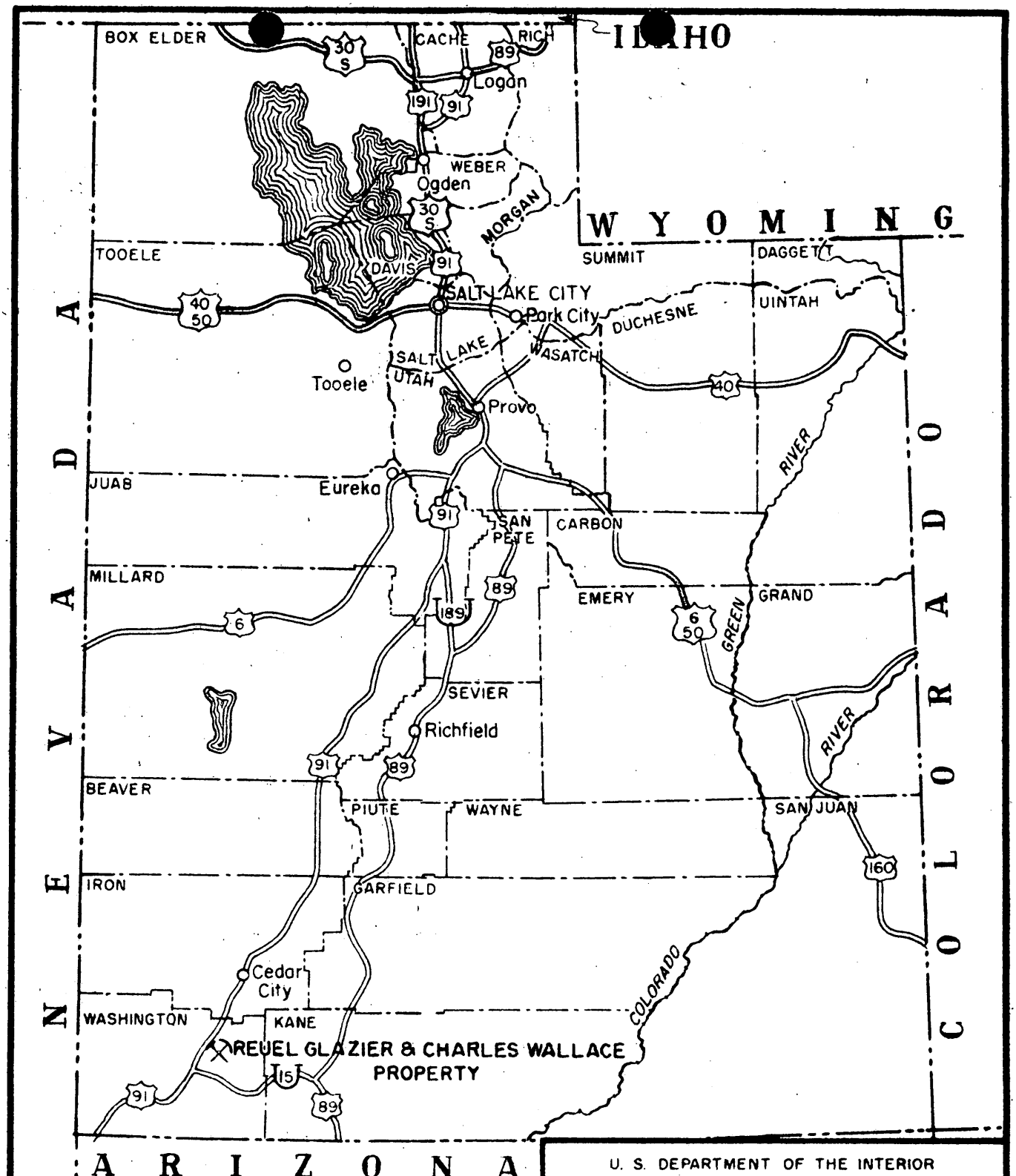
Weak uranium mineralization associated with carbon trash is present in sandy shale occurring near the base of the Petrified Forest member of the Chinle formation.

The proposed exploratory program is feasible from an engineering standpoint and the estimated cost of the work is reasonable.

Weakness of the uranium mineralization and limited extent of its occurrence indicate that an exploratory project would not result in the discovery of significant quantities of minable ore, and there is little chance that an economic deposit of uranium would be found.

Therefore, it is recommended that the applicant's request for Government aid be denied.

RECEIVED
DEC 17 1956
D.M.E.A.



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 DMEA Docket No. 4419

Location Map

REUEL GLAZIER & CHARLES WALLACE PROPERTY

WASHINGTON COUNTY, UTAH

ENGINEER: P. V. FILLO	DATE: NOV. 7, 1956
TRACED: NOV., 1956; A.P.T.S.	1900 - 421 - G
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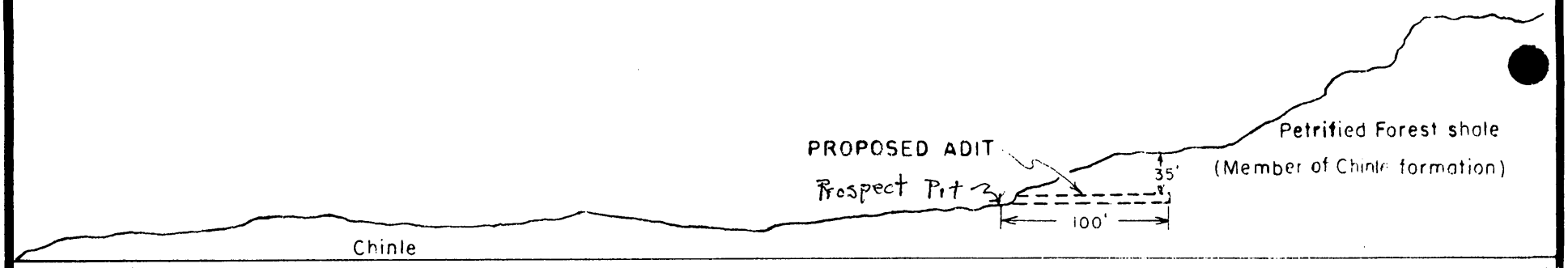
RECEIVED
DEC 17 1956
D.M.E.A.



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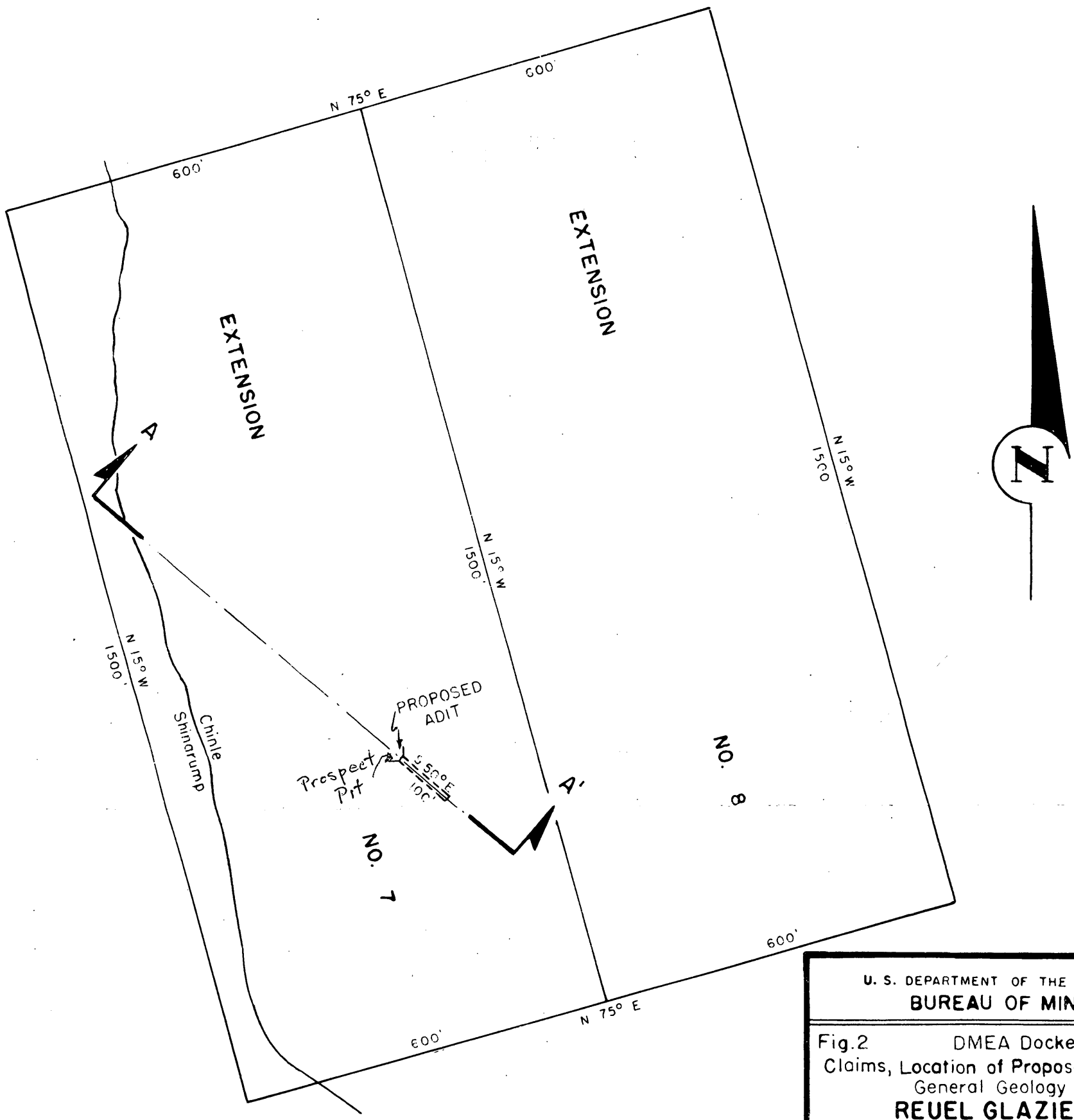

PLAN

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SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 2 DMEA Docket No 4419
Claims, Location of Proposed Adit, and General Geology of
REUEL GLAZIER & CHARLES WALLACE PROPERTY
WASHINGTON COUNTY, UTAH

ENGINEER: C. V. FILLO	DATE: NOV. 9, 1956
TRACED: NOV., 1956; A.P.T.S.	1900 - 422 - F
CHECKED:	

RECEIVED
OCT 19 1956

October 16, 1956

Memorandum

To: S. R. Wilson

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4419 (Uranium) Reuel Glazier and Charles C. Wallace (Extension Claims) Washington County, Utah

The application for Reuel Glazier and Charles C. Wallace, Docket DMEA 4419 in the amount of $3,403.50, is enclosed.

A field examination and suitable report are required. The completed report should be forwarded directly to the Executive Officer with a copy of the memorandum of transmittal to this office.

W. H. King

W. H. King

Enclosure

cc: W. N. Traver (3)
E. N. Harshman (2)
Sec. Op. Com. (2)

224 New Customhouse
Denver 2, Colorado

October 15, 1956

RECEIVED
OCT 17 1956

Memorandum

To: W. H. King (2) (w/brochure)
E. N. Marshman (2)

From: DMEA Field Team, Region III

Subject: Docket DMEA 4419 (Uranium) Reuel Glazier and Charles C. Wallace (Extension Claims) Washington County, Utah

Enclosed is the subject application in the amount of $3,403.50. A field examination and suitable report are requested.

Enclosed for your further information is a copy of a letter from the Chairman of the Operating Committee, dated October 10, 1956, with memoranda of review of the application by W. F. Williams and John H. Crawford.

Will you please return the brochure with the report of examination.

DMEA Field Team, Region III

J. W. Townsend

By J. W. Townsend
Acting Executive Officer

Enclosures

MMC:ytl
cc: Secretary to Op. Comm. (2)
Docket 4419
Chron.

700

FILE COPY
Surname:
Ching
Zolin
Lamb
Edmond
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. Reuel Glazier
Post Office Box 14
Hurricane, Utah

and

Mr. Charles C. Wallace
133 North, West Temple Street
Salt Lake City, Utah

Re: Docket No. DMEA-4419 (Uranium)
Extension Claims
Washington County, Utah

Gentlemen:

The application for assistance in exploring your property, under the captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to:

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. O. Mittendorf

Administrator

MChing/izm 10-9-56
cc to: Docket
Code 700
Mr. Ching
Admr.'s Reading File
DMEA Field Team, Region III (2)
cc: Wallace, S.L.C. UTAH

R.C.S.

700

FILE COPY
Surname:
Ching
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-4419 (Uranium)
Kenel Glassier and Charles C. Wallace
Extension Claims
Washington County, Utah

Dear Mr. Traver:

The subject application is being referred to you for investigation, a field examination if warranted, and recommendations. One copy of the application was retained by your office.

Enclosed for the information and use of the Field Team are the following documents:

1. One copy of the application with attached cost estimate and sketch of claims;

2. Two copies of a supplemental letter, dated September 14, 1956, from the Applicant, with attached copies of the map;

3. Two copies each of memoranda, dated September 6 and October 4, 1956, by John L. Crawford, USGS, relating to the application; and

4. Two copies of a memorandum, dated October 3, 1956, by W. P. Williams, USGS, relating to the application.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

MChing/izm 10-9-56
cc to: Docket
Code 700
Mr. Ching
Admr.'s Reading File
Operating Committee
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.C.L.

10/8/56 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Washington 25, D. C.

RECEIVED
OCT - 5 1956

Date 10/4/56

DMEA Docket No. 4419
DMEA Contract No.
Commodity Uranium
Name of applicant Reuel Glazier & Charles Wallace
Name of property Extension Claims
Location of property
Estimated cost of project $3,403.50

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Review of Supplemental information
(Application, Field Team Report, etc.)

1. Date of subject document: 9/14/56. 2. Date received by reviewer: 9/28/56.

3. Prior reports on this property known to reviewer: Yes ☐, No ☒.

4. Prior reports on nearby properties known to reviewer: Yes ☐, No ☒.

5. Information available on past production: Yes ☐, No ☒.

6. Other pertinent factors known to reviewer: Yes ☐, No ☒.

7. Explain items marked yes above:

8. Factors needing special consideration:
- a. Location ☐
- b. Ownership ☐
- c. Evidence of mineralization ☐
- d. Geology ☐
- e. Proposed exploration method ☐
- f. Alternate exploration method ☐
- g. Costs ☐
- h. _____ ☐

9. Action advised:
- a. Obtain information from applicant ☐
- b. Refer to Field Team ☒
- c. Denial ☐
- d. Agree with Field Team ☐
- e. Disagree with Field Team ☐
- f. Suggest alternate plan ☐
- g. Request another examination ☐
- h. Approval ☐
- i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary)
Referral to the field recommended. Suggest field examiners visit the property when in the area on other assignments. Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

10/5/56 gla

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

RECEIVED
OCT - 5 1956

October 3, 1956

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 4419, Revel Glazier, Extension Nos. 7 and 8 claims, Washington County, Utah (uranium).

The applicant proposes to spend a total of $3,403 to explore for uranium ore deposits. The application was incomplete in its original form, and the applicant was asked for additional information.

It is not completely clear as to what or why the applicant wishes to explore. It may be deduced from the application that a Shinarump channel exists on the property, and that anomalous radioactivity has been discovered at a rim outcrop of the channel. No assays are submitted. No information is given concerning the width, depth, or trend of the channel.

The proposed work would seem to consist of driving a 100 foot adit-drift along the channel in search of ore.

To my knowledge, no significant amount of uranium ore has been produced, nor are any deposits known, in the vicinity of the property.

Determining the trend of a channel from a single rim exposure is difficult, if not impossible. An adit-drift would start at the channel outcrop and wander aimlessly about with the operator attempting, and hoping, to keep the drift in the bottom of the channel within the favorable zone for ore deposition. Unless the channel is extremely well developed and possesses strong mineralization at the outcrop which the operator could follow, the applicant's proposal would seem to represent a vague and haphazard venture that would be inappropriate for DMEA participation.

From the character of the information previously received from the applicant, it would propably be to no avail to ask for more data. I believe the application should be referred to the Field Team for their evaluation. If a mineralized channel exists on the property, perhaps a preliminary stage of drilling to delimit the channel would be a feasible approach to the problem.

W. P. Williams

W. P. Williams

133 N West Temple

S. L. City Sept 14/56

Utah

Mr. (?GD) Allen S. Dakan Chief Oprations Control and Statistics Division.

DearSir: I received the maps today from Mr. Reuel Glaizer. hope they are satisfactory.

I will try and give you a little more information as to the formation. the channel or vein or bed of uranium is in the shinley formations in a blue formation. the rock that carries the Uranium is a heavy fine grained sand stone with carbinifice and secondary pitch blend in it. Also a soft Lemon color. the Vein at the cut where the mouth of the tunnel is around six to seven feet thick at the face.

The reading in the cut at the mouth of the tunnel was 19. oneos (?) there was another reading about 100 feet north of the tunnel and two others West of the tunnel that was uncovered in making the road the tunnel will be 4-1/2 feet in side of the timber. All the other information was submited in the last letter. We expect to do all the work ourselves if possible. in case we fail for any reason we will furnish you with an itimised acount of all labor hired and will comply with the law as required.

The general formation dips to the East and north a fiew degrees is not exactly flat or blanket formation.

The Uranium lays above the Shinerump or congomerant and Maracopo formation (next four wordsillegible) we think it is the best Prospect up on Lower Smith because of the size of the showings on the surface and it is increasing

as we go in. it is going East under Uper Smith.

We think a 100 foot tunnel will make a good demostration.

I would rather not have the loan than to mislead you. I have told you the facts as near as I am able to discribe them.

Resp Charles C. Wallace

From C. C. Wallace (Contract No. 20 MEA-4419)
133 No. W Temple #1
Salt Lake City Utah

SALT LAKE CITY
SEP 17
2 30 PM
1956
UTAH

VIA AIR MAIL

Rec'd

D.H.D.

U. S. Dept. of The Interior
(Sgd) Allen S Wakan Chief Oper. Div.
Statistics Div.
Washington 25. D. C.

133 on West Temple S.L. City Sept 14/56
Utah

RECEIVED
SEP 19 1956

Mr (SGD) Ellen S. Dakan Chief
Operations Control and Statistics
Division.

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day from Mr Revel Glazer hope
they are Satisfactory.
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fine Grained Sand stone with
carbonifirl and Secondary
Pitch blend in it. also a soft Lemon color
the Vein at the cut where the ~~tunnel~~
Mouth of the tunnel is around
six to seven feet thick at the face.

see map in packet rec'd. 9/24/56

The reading in the cut at the mouth of the tunnel was 19.0n100 there was a nother reading about 100 feet north of the tunnel and two others West of the tunnel that was uncovered in making the road the tunnel will be 24½ feet in side of of the timber all the other information ws submited in the last letter ?

We expect to do all the work our selves if possible. in case we fail for any reason we will furnish you with an attimised a count of all labor hired and will comply with the law as refquired.

The general formation dips to the east and north a few degrees is not exactly flat or blanket formation (over)

the Uranium lays above the
Shinerump or conglomerant
and Moraccopa formation or lower smith we
think it is the best Prospect up
on Lower smith be cause of the
size of the showings on the
surface and it is increasing
as we go in. it is going
East under uper smith.
We think a 100 foot tunnel Will
make a good demestration
I would Rather not have the loan
than to mis lead you I have told
you the facts as near as I am
able to discribe them

Resp Charles L Wallace

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Washington 25, D. C.

RECEIVED
SEP - 6 1956

Date 9/6/56

DMEA Docket No. 4419
DMEA Contract No.
Commodity Uranium
Name of applicant Reuel Glazier & Charles Wallace
Name of property Extension claims
Location of property
Estimated cost of project $3,403.50

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee
Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 7/20. 2. Date received by reviewer: 8/16.

3. Prior reports on this property known to reviewer: Yes [ ], No [x].

4. Prior reports on nearby properties known to reviewer: Yes [ ], No [x].

5. Information available on past production: Yes [ ], No [x].

6. Other pertinent factors known to reviewer: Yes [ ], No [x].

7. Explain items marked yes above:

8. Factors needing special consideration:
a. Location [x]
b. Ownership [ ]
c. Evidence of mineralization [x]
d. Geology [x]
e. Proposed exploration method [x]
f. Alternate exploration method [ ]
g. Costs [ ]
h. [ ]

9. Action advised:
a. Obtain information from applicant [x]
b. Refer to Field Team [ ]
c. Denial [ ]
d. Agree with Field Team [ ]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another examination [ ]
h. Approval [ ]
i. Consult with Mr. ____ at ____ AEC office.

10. Remarks: (Use back of page if necessary)
Mr. Joseph O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

700

FILE COPY
Surname:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. Reuel Glazier
Post Office Box 14
Hurricane, Utah

AUG 20 1956

and

Mr. Charles C. Wallace
133 North, West Temple Street
Salt Lake City, Utah

Re: Docket No. DMEA-4419 (Uranium)
Extension Claims
Washington County, Utah

Gentlemen:

An examination of your above-docketed application for Government aid in an exploration project discloses that essential information which would enable us to process said application is lacking, namely:

1. A map or sketch, drawn to scale approximately four times the size of the one submitted with the application, whereon the following should be indicated:

   (a) the surface areas of the rock formations;
   (b) location and assay values of any samples taken and/or radioactivity recordings; and
   (c) also, as shown on the sketch you submitted of the claims, show the proposed work on the larger map and state the size of the drift inside the timbering.

2. A narrative report containing the following information:
   (a) a breakdown of the $30.00 per foot cost for drifting;
   (b) the work you propose to do with the bulldozer, i.e., for road building, portal clearance, etc.;
   (c) whether you propose to do all the work yourselves or whether any of it will be done by an independent contractor; and
   (d) any additional information which would assist us in evaluating the worthiness of your proposed project.

Kindly submit four copies of the above information. Upon receipt of all the information requested herein, we will continue to

process your application. It would be appreciated if you could inform us the approximate time within which we may expect to receive said information.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

Copy to: Mr. Charles C. Wallace
Salt Lake City, Utah

EWEllis/izm 8-17-56
cc to: Docket
Code 700
Mr. Ellis
Admr.'s Reading File
DMEA Field Team, Reg. III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

August 14, 1956

Mr. Charles C. Wallace
133 North, West Temple St.
Salt Lake City, Utah

Subject: DMEA-4419
Re: Exploration Assistance

Dear Mr. Wallace

The receipt of your application dated July 20, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4419 and referred to the Rare & Misc. Metals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

~~[illegible]~~, Chief
Operations Control and
Statistics Division

August 14, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region III.

DMEA - 4419 Reuel Glazier and Charles C. Wallace

Robert E. Adams
~~Chief, Operation~~'s Control
and Statistics Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
AUG 13 1956

224 New Customhouse
Denver 2, Colorado

August 10, 1956

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Application for DMEA aid (Uranium), Reuel Glazier and Charles C. Wallace, Washington County, Utah

Enclosed are three copies of the subject application in the amount of $3,403.50. One copy of the application is being retained in our file.

The applicant has submitted no proof of a mineralized target area.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
AUG 13 1956

DMEA
Date Rec'd
AUG 10 1956
BUREAU OF MINES
Denver, Colorado

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4419
Metal or Mineral Uranium
Date Received 8-13-56
Estimated Cost $3,403.50
Participation (Government %)

$4,403.50

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Reuel Glazier (Partnership)
Hurricane, Utah P. O. Box 14
Charles C. Wallace 133 North, West Temple St.
Salt Lake City, Utah

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Extension #7 Entry #96446 Book x34 page 289, Date recorded 5/23/55 and extension #8 entry #96447 book x34 page 290, date recorded 5/23/55 known as extension #7 & 8

(*b*) State any mine name by which the property is known. None

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. 28 miles to shipping point, road nearly completed.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
The above items are available in sufficient quantity.

16—66551-1

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Uranium

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. The bedding is about 6 feet thick

(*c*) The work will start within 10 days and be completed within 4 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. 4 years minning expierence

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). None

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. Rental on compressor and jackhammer $100.00 per month

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. None

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. None

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. Not possible at this time

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes

(*b*) How do you propose to furnish your share of the costs? With labor and our equipment.

☐ Money ☒ Use of equipment owned by you ☐ Other Labor

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated July 20, 1956

(Applicant)

By Reuel Glazier

Charles L. Wallace

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

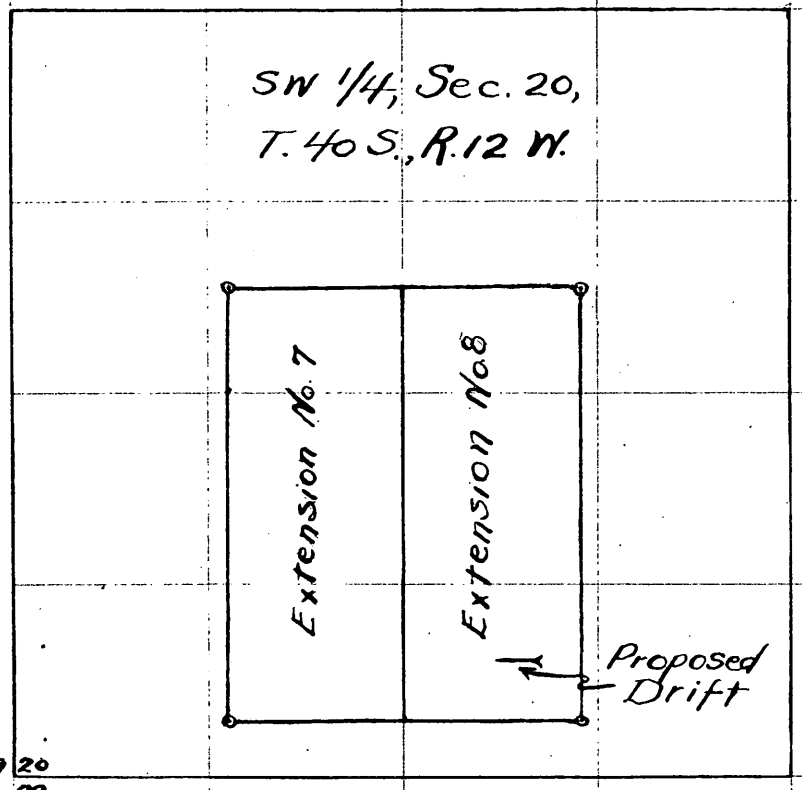
DUE TO LACK OF SPACE IT IS NESSARY
TO ATTACH ITAMISED ACCOUNT
TO EACH SHEET
TO RUN 100 FEET TUNNEL
ESTIMATED COSTS

100 FOOT TUNNEL AT $30 PER FOOT	
	$3.000 00
MINING TIMBER	411 50
BULLdOZER 21 HOURS	
AT $12 PER HOUR	252 00
TIMBERING TUNNEL	340
RENTAL ON COMPRESSOR	
AND JACKHAMMER	
PER MONTH $100.00	400 -00
TOTAL	$3,403. 50
	$ 4,403. 50

RECEIVED
AUG 13 1956

Revel Glazier MINE
Charles C. Wallace LEVEL
DMEA Application DIST.
CO.
SURVEY
BY GEOLOGY BY
SCALE 1" = 660' DATE

T. 40 S.



19 20
30 29

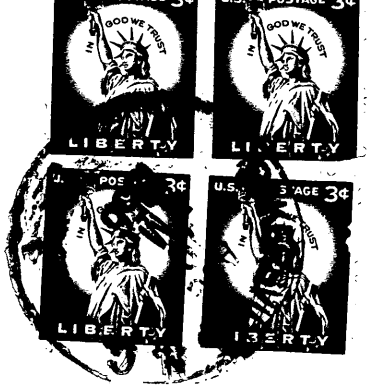
20 21
29 28

Approximate Location of
Extension No. 7 and No. 8 Claims

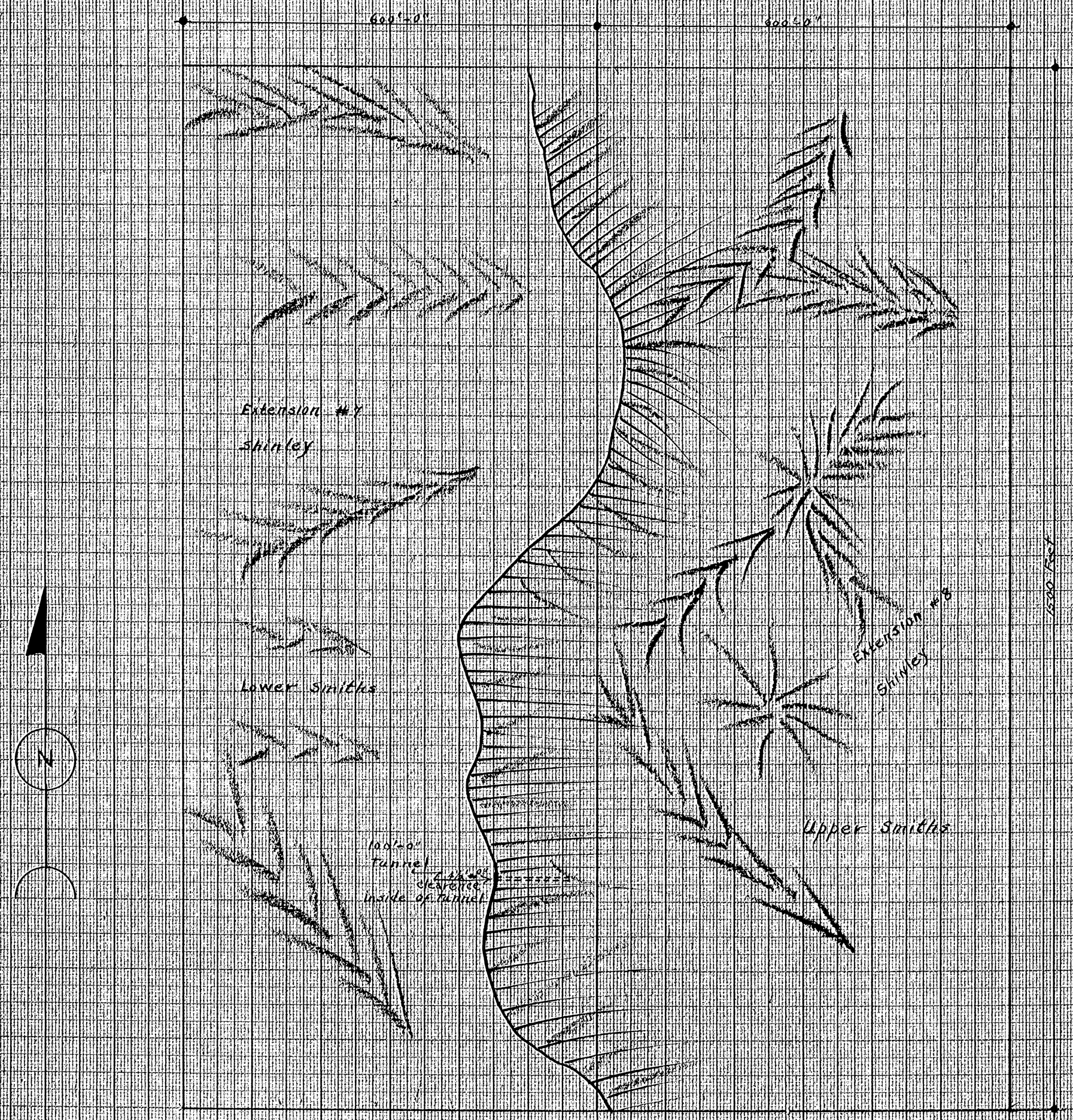
R. 12 W.

R. P. Greene, Sr.
Box 94.
Bakersville, N.C.

FIRST CLASS MATTER



Defense Minerals Exploration Admin
Dept. of Interior
Washington 25, D. C.



Scale 1" = 100'-0"
Sec. 20, T10, R12 W.